

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8788	(magnetic adj resonance) and (chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 17:59
L2	28143	(magnetic adj resonance) and (chip with magneto -resistance or "TMR" or "GMR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:00
L3	383	(magnetic adj resonance) and (chip with magneto-resistance or "TMR" or "GMR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:00
L4	4	(magnetic adj resonance) and (chip with (magneto-resistance or "TMR" or "GMR" or magneto near resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:51
L5	317	(magnetic adj resonance) and (on-chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:41
L6	88	(magnetic adj resonance) and (on-chip with (detect\$3 or sens\$3 or receiv\$3 or reception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:07
L7	3	(magnetic adj resonance) and (on-chip near current near wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:44
L8	5	(magnetic adj resonance near4 on-chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:50
L9	353	(chip with (magneto-resistance or "TMR" or "GMR" or magneto near resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:52

## EAST Search History

L10	2131	(substrate with (magneto-resistance or "TMR" or "GMR" or magneto near resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 19:11
L11	114	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 18:52
L12	30	(substrate with (magneto-detect\$3 or magneto-sens\$3 or mangeto near detect\$3 or magneto near sens\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:06
L13	2	12 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 20:43
L14	69	9 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 20:43
L15	1	(magneto-detect\$3 or magneto-sens\$3 or mangeto near detect\$3 or magneto near sens\$3) and (chip with precess\$4 near4 spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:08
L16	1	(magneto-detect\$3 or magneto-sens\$3 or mangeto near detect\$3 or magneto near sens\$3) and (on-chip with precess\$4 near4 spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:24
L17	2	(on-chip with precess\$4 near4 spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:09
L18	2	(on-chip same precess\$4 near4 spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:09
L19	2	(chip same precess\$4 near4 spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:09

## EAST Search History

L20	7	(US-6906793-\$ or US-6731100-\$ or US-6710879-\$ or US-6194900-\$ or US-7048890-\$ or US-6429640-\$).did. or (JP-03260906-\$).did.	USPAT; JPO	OR	ON	2007/09/16 21:24
L21	3	20 and (magnet\$4-resist\$4 or magnet\$4 near resist\$3 or "TMR" or "GMR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:21
L22	5	20 and (gradient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:25
L23	3	20 and (electron or coupled-spin or coupl\$3 near spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:26
L24	3	20 and (electron or coupled-spin or coupl\$3 near spin or "ESR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:29
L25	874	(spin near\$3 moment) and (electron or coupled-spin or coupl\$3 near spin or "ESR" or electron near spin near resonance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:30
L26	485	25 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:30
L27	560	(spin near\$3 magnetic near moment) and (electron or coupled-spin or coupl\$3 near spin or "ESR" or electron near spin near resonance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:31
L28	299	27 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:31
L29	59	(spin near\$3 magnetic near moment) and ("ESR" or electron near spin near resonance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:45

## EAST Search History

L30	41	29 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:46
L31	52	(spin near3 magnetic near moment) and (coupled-spin or coupl\$3 near spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:46
L32	33	31 and (sample)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 22:46